

cm. 1 2 3 4 5 6 7 8 9 10 11 12 13 14

DOVE  
*Speculum Anni à partu Virginis*

AN

for the yeare of our

1659.

and from the Worlds Creation

5657.

Calculated properly for the famous

where the Pole is elevated 52 degrees  
and 17 minutes.

But may indifferently serve for any other  
place within this Nation.

Printed by

Printer to the  
*Universitie.* 1659.

*Anno Dom. 1659.*

<b>T</b> he Golden number	7
The Cycle of the Sun	16
The Epact	17
Sundayes after Trinity	25

*April 3*

T H E  C O L U M N I E S T	Creation of the World	5657
	Flood of Nosh	4002
	Promise made to Abravam	3578
	Coming of the Israelites out of Egypt	3143
	Building of London	2766
	Building of Doncaster	2707
	Foundation of the Temple by K. Solomon	2669
	Building of York	2647
	Beginning of the Captivity	2265
	Burning of the Temple by Nebuchadnezzar	2246
	Building of it again by Zorobabel	2178
	Beginning of Daniels 70 Weeks	2110
	Building of the Tower in London	2068
	Death of Alexander the Great	1982
	Building of	1959
	Conquest of Britain by Julius Cesar	1712
	Constitution of the Julian yeare	1703
	Baptisme of Christ	1627
	Death of Christ	1623
	Destruction of Jerusalem by the Romanes	1589

In this last Number 1589, we finde 227 times seven, with nothing at all remaining.

The

Dove 1659.

parts thereof are attributed to the  
twelve Signes.



Note that an unguent or plaster is best applyed, when the Moon is in that signe which is attributed unto that member whereunto it is applyed. But not so in letting of bloud.

A 2

January

January hath 31 dayes.

Last quarter the sixth day, 29 minutes past four morning.  
 New moon the 13 day, 15 minutes past nine at night.  
 First quarter the 20 day, 53 min. past five in the morning.  
 Full moon the 28 day, 51 minutes past eight before noon

1	8		21	24	Leo	24	8	♀	Scarse
2	1	sund.aft.Chr.	22	25	Virg.	7	tafr.		
3	C	h 29 54 ≡	23	27		20	Δ h ♀	Very cold	
4	D	Telephorus	24	28	Libra	3	winde on theie		
5	E	4 9 39 ♂	25	29		16	8 4 ♀	dayes.	
6	F		26	31	Scorp.	6	Frost and snow.		
7	G	Juliana	27	32		14	■ ♀	Thick	
8	H	5 24 2 ♀	28	33		28	■ ♀	aire with	
9	I	1 aft. Epiph.	29	34	Sag.	1	3 hard frost and		
10	J		0	35		27	now.		
11	K	2 1 11 X ret.	1	36	Capr.	12	■ ♀	Thick	
12	L	2 20 27 ≡	2	37		27	■ ♀	and rain.	
13	M	Hilary Bish.	3	38	Aquar.	12	More milde.		
14	N	Felix	4	40		26	8 ♀	Wind	
15	O	h 0 17 m	5	41	Pisces	10	& wet.		
16	P	2 after Epiph.	6	42		23	■ δ	Fair and	
17	Q	U 8 4 ♂	7	43	Aries	9	8 4 ○	freezing.	
18	R	Ursica	8	43		19	Δ h ♀	Some	
19	S	5 2 3 Vp	9	44	Taur.	1	now threatened.		
20	T	Ostab. Hilar.	10	45		13	■ ○		
21	U	5 genes	11	46		23	■ ♀	very cold.	
22	V	2 28 49 ≡	12	47	Gem.	7	Ap. 5.		
23	W	3 aft. Epiph.	13	48		18	couds icter. snow		
24	X		14	49	Cenc.	6	winde and wet.		
25	Y	Pauls day	15	50		13	Vc. 4 δ		
26	Z	9 25 43 ≡	16	51		25	Cold rain or		
27	AA	Quint. Hilar.	17	51	Leo	7	Td. ○ h snow.		
28	BB	h 0 26 m	18	52		20	The 28 and 30		
29	CC	4 6 31 ♂	19	53	Virg.	3	winde and wet.		
30	DD	Septuaginta	20	54		16	δ ○ ♀	Very	
31	EE	3 10 52 Vp	21	55	Libra	6	windy. *	4 ○	

This moneth in old time hath been set forth in the shape of one with two faces; with the one he looked into the old year, and with the other into the new: and was called *January* from *Janus*, in honour of whom it came to be so named by *Numa*, the second King of the *Romanes*.

<i>Days of the month.</i>	<i>Sun rising.</i>	<i>Sun setting.</i>
<i>No. M.</i>	<i>No. M.</i>	
1	8	53 55
2	8	43 56
3	8	33 57
4	8	23 59
5	8	04 0
6	7	58 4 3
7	7	57 4 3
8	7	56 4 4
9	7	55 4 5
10	7	53 4 7
11	7	52 4 8
12	7	51 4 9
13	7	49 4 11
14	7	48 4 13
15	7	46 4 14
16	7	45 4 15
17	7	44 4 16
18	7	43 4 17
19	7	41 4 19
20	7	40 4 20
21	7	39 4 21
22	7	37 4 23
23	7	35 4 25
24	7	33 4 27
25	7	31 4 29
26	7	29 4 31
27	7	27 4 33
28	7	25 4 35
29	7	23 4 37
30	7	21 4 39
31	7	19 4 41

## January.

Economy has a hand to play

Last quarter the 4 day, 24 minutes past 1 after noon.

New moon the 11 day, 14 min. past 9 in the morning.

First quarter the 19 day, about 3 in the morning.

Full moon the 26 day, 6 minutes past 11 at night.

1	D	2 0 26 M	12	56	Lions	14	3	○ ♀ cold rain
2	C		13	56		18	or snow.	♂ h ☽
3	F	Craft. Purif.	14	57	Scorp.	12	■	♀ ☽
4	G	U 5 45 ♂	15	58		26	North rain and	
5	S	5 14 35 ♀	16	58	Sag.	16	cold.	
6		Sexagesima	17	59		24	* ○	☽
7	C	2 19 37 ☽	18	59	Capr.	7	* h	☽
8	D		19	59		23		Like to be
9	E	Octab. Purif.	1 X	0	Aquar.	6	5 cold snowy, or	
10	F	2 12 37 ☽	2	0		20	moist season.	
11	G	4 4 58 ♂	3	1	Pisces	4	△ h	☽
12	S		4	1		18	Fair and good we-	
13		Shrove tuesday	5	1	Aries	8	ther.	
14	C	Valentine	6	2		14	* ♀	☽
15	D	5 22 1 ♀	7	2		27	Cold and cloudy.	
16	E	Ashwednesday	8	2	Taur.	9	Some winde	
17	F	6 0 6 M	9	2		21	△ ♂	☽
18	G	9 15 31 ☽	10	2	Gem.	3	Temperate.	
19	S	2 14 40 ☽	11	2		15	△ ♀	☽
20			12	2		27	♂ ♀ Showers of	
21	C	4 4 3 ♂	13	2	Canc.	9	rain and winde.	
22	D	5 27 13 ♀	14	3		21	4 3 59 ♂	
23	E	Td. h ♀	15	3	Leo	3	1 * ☽ Fair dsy.	
24	F		16	3		15	Wind and rain.	
25	G		17	2		28	* h ☽ Cold abated	
26	S	elong. max.	18	2	Virg.	12	but mixed weather.	
27		fund. in Len:	19	2		25	△ ♂	☽
28	E	2 22 35 ☽	20	2	Libra	9	△ ♀	☽

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*Nome* brought in also this moneth, and named it **February**, from **Februus** (otherwise called *Pluto*) in honour of whom the Heathens used to offer great sacrifices this moneth, and to perform vows for the souls of the dead.

**Ho. M. Ho. M.**

7	17	4	43
7	15	4	45
7	13	4	47
7	10	4	50
7	8	4	52
6	6	4	54
7	4	4	56
7	2	4	58
9	0	5	0
10	58	5	2
12	56	5	4
12	54	5	6
13	52	5	8
14	50	5	10
15	48	5	12
16	46	5	14
17	44	5	16
18	42	5	18
19	40	5	20
20	38	5	22
21	36	5	24
22	34	5	26
23	32	5	28
24	30	5	32
25	28	5	30
26	26	6	34
27	24	5	36
28	22	5	38

## February.

Last quarter the 5 day, 56 min. past 8 at night.  
 New moon the 11 day, 20 min. past ten at night.  
 First quarter the 20 day, 14 min. past 11 at night.  
 Full moon the 28 day, 35 min. past ten before noon.

1 D David	21	1 Libr.	21	Hot enough for the
2 e Hesippinus	22	1 Scorp.	7	ti ne, but
3 f h 29 30 ☽	23	1	22	not without wind.
4 g Jordan	24	0 Sag.	6	* ♂ ☽
5 ♀ 3 17 ♂	25	0	20	* ♀ ☽
6 3 sun. in Lent	26	0 Capr.	4	Something cooler.
7 C ♂ 6 19 ☽	26	59	18	♀ 3 12. ♂
8 ♀ 18 50 ☽	27	59 Aqu.	2	Clouds or
9 ♀ ♀ 3 46 X	28	58	15	rain. ♂ ♀ ☽
10 f	29	57	29	△ h ☽ Like to
21 g h 19 2 ☽	0	57 Pisces	13	be windie wea-
22 s Gregory	1	56	26	ther.
23 Midlentunday	2	55 Aries	9	Warm
14 C ♀ 3 2 ♂	3	55	22	and good, but
15 D ♂ 13 1 ☽	4	54 Taur.	5	windie.
16 e Tyrtaeus	5	53	17	* ♂ ☽
17 f Extrude]	6	52	29	Very good wea-
18 ♀ ) in Apog.	7	51 Gem.	11	ther.
19 s Td. h ♂	8	50	23	△ h ☽
20 3 sun. in Lent.	9	50 Canc.	4	○ ☽
21 C Bp. h ♀	10	49	16	From hence more
22 D ♀ 27 39 ☽	11	48	28	winde, and some
23 e ♀ 25 29 X	12	47 Leo	11	storms on severall
24 f Vc. h ♀	13	45	23	days.
25 G	14	44 Virg.	6	Td. ○ ♀ Geod.
16 s Castulus	15	43	20	weather for the
27	16	42 Libr.	4	Spring.
28 f Vc. ♀ ♀	17	41	18	△ ♂ ☽
29 D h 27 46 ☽	18	40 Scorp.	2	Rain from the
30 e ♀ 3 11 ♂	19	38	17	South.
31 f 3 25 5 ☽	20	37 Sag.	2	△ ♀ ☽ Fair.

It March proves milde he welcomes in  
the Spring. Romulus gave him this name,  
in honour of Mars his supposed father.  
This was about the time of the building  
of Rome, and was then by the old Ro-  
manes accounted the first moneth of the  
yeare.

Days of the moneth	No. M.	No. M.	SUN rising.	SUN setting.
1	6	18	5	42
2	6	16	5	44
3	6	14	5	46
4	6	12	5	48
5	6	10	5	50
6	6	8	5	52
7	6	6	5	54
8	6	4	5	56
9	6	2	5	58
10	6	0	6	0
11	5	58	6	2
12	5	56	6	4
13	5	54	6	6
14	5	52	6	8
15	5	50	6	10
16	5	48	6	12
17	5	46	6	14
18	5	44	6	16
19	5	42	6	18
20	5	40	6	20
21	5	38	6	22
22	5	36	6	24
23	5	34	6	26
24	5	32	6	28
25	5	30	6	30
26	5	29	6	31
27	5	27	6	33
28	5	25	6	35
29	5	23	6	37
30	5	21	6	39
31	5	19	6	41

### March.

Last quarter the fourth day, 38 min. past three morning.  
 New moon the 11 day, half an hour past noon.  
 First quarter the 19 day, 50 min. past four after noon.  
 Full moon the 26 day, 47 min. past 7 at night.

1	G	4	3	15	A	21	36	Sag.	16	Temperate.
2	B	Id.	4	2.		22	34	Capr.	17	Some winde, and cooler.
3						23	33		18	
4	C	Embrose bish				24	31		19	♂ ♍ ♏ Good
5	D	♀ 20	3	V		25	30	Aqua.	20	weather.
6	E	h	27	10	Δ	26	28		21	After this expect
7	F					27	27	Piices	22	hail, snow, or other cold windie
8	G					28	26		23	
9	H	♀ Occident.				29	25	Ariet.	24	storms Δ ♀ ♏
10	I					30	24		25	in many dayes,
11	J	Ostab. Pasch.				1	23	Taur.	26	even to
12	K	■ ♈ ♎ 1 2				2	22		27	he 13 and 14.
13	L	Justine				3	21		28	Warmer, but wind
14	M					4	20	Gem.	29	and thunder-like
15	N	Olympia				5	19		30	about this time.
16	O	Bq. h ♀				6	18	Canc.	1	* ○ ♏ Cooler,
17	P	2 aft. Easter				7	17		2	with flowers. * ♀ ♏
18	Q	Quind. Patch.				8	16		3	Cool at night, and
19	R	h 26 11 Δ				9	15	Leo	4	cloudy.
20	S					10	14		5	Windie.
21	T	♀ 4 37 A				11	13	Virg.	6	Something warm.
22	U	♂ 11 41 X				12	12		7	Thunder-like
23	V	George marr				13	11		8	fit for
24	W	3 after Easter				14	10	Libra	9	the season.
25	X					15	9		10	Cloudy and cool.
26	Y	Tres Pasch. 25				16	8	Scorp.	11	
27	Z	Annastatius				17	7		12	The 17 &
28	A	Mitalis				18	6	Sag.	13	some winde.
29	B	♀ 3 24 V				19	5		14	* h ♏ Rain at
30	C	♀ 9 36 II				20	4	Capr.	15	night. * ♀ ♏

Some this moneth is called *April*, from  
*āpriō*, spwan; ex qua oīam fuisse Venerem Poetæ opinantur. But *Varrō* more truly deriveth it, *ab aperiendo* from opening; because the earth beginneth to be open now, and to afford fine flowers, and other good things out of her treasury.

## April.

<i>Dates of the Month</i>	<i>Hours rising.</i>	<i>Sun setting.</i>
	<i>H. M.</i>	<i>H. M.</i>
1 5	16 6	44
2 5	14 6	46
3 5	12 6	48
4 5	10 6	50
5 5	8 6	52
6 5	6 6	54
7 5	4 6	56
8 5	2 6	58
9 5	0 7	60
10 4	58 7	2
11 4	56 7	4
12 4	54 7	6
13 4	52 7	8
14 4	50 7	10
15 4	48 7	12
16 4	46 7	14
17 4	44 7	16
18 4	43 7	17
19 4	41 7	19
20 4	39 7	21
21 4	37 7	23
22 4	35 7	25
23 4	34 7	26
24 4	33 7	28
25 4	31 7	29
26 4	29 7	31
27 4	27 7	33
28 4	25 7	35
29 4	24 7	36
30 4	23 7	38

May hath xxvii days.

Last quarter the 3 day, 46 min. past 10 before noon.

New moon the 11 day, 46 min. past 3 in the morning.

First quarter the 19 day, 45 min. past 6 in the morning.

Full moon the 26 day, 28 min. past 3 in the morning.

1		10	40	Capr.	25	Δ	♀	This
2	C	Mens. Pasch.	21	Aquar.	9	moneth affords us		
3	D	h 25 14 ≈	22	35	21	many fine pleasant		
4	E	Floxtianus	23	Pisces	6	dayes.		
5	F	Vc. h ⊖	24	31	19	* ○	☽	
6	G	John Port. lat.	25	Arles	2	Δ ♀	☽	
7	H	4 6 27 ♂	26	26	15	♂ ♀	☽	
8	I		27	21	27	Cloudy and		
9	J	Quinq; Pasch.	28	Taur.	9	cool.		
10	K	5 25 10 ♋	29	18	22	* ♂	☽	
11	L		0 II 16	Gem.	4	♂ ○	☽	
12	M		1	14	15	* ♀	☽	
13	N	Craft. Alcen.	2	11	27	Some winde and		
14	O	2 1 39 ♍	3	Canc.	9	rain the 13 and 14		
15	P	6 after Easter.	4	6	21	dayes.		
16	Q		5	Leo	3	A pleasant day.		
17	R	♀ 26 20 II	6	3	15	* h ☽		
18	S		6	58	27	Δ ♀ ☽	Hastie	
19	T	Bernard	7	56	Virg.	10	showers.	
20	U	h 24 19 ≈	8	53	23	Some winde.		
21	V	4 8 28 ♂	9	50	Libra	6	Tempestuous.	
22	W		10	47	20	♂ h ☽	Some	
23	X	Weidertag	11	44	Scorp.	4	udden rain.	
24	Y	5 5 30 ♍	12	41	19	☽ ♀		
25	Z	Urbane	13	39	Sagitt.	4	Δ ♀ ☽	Very
26	A	♀ 2 59 ♍	14	36	19	good weather.		
27	B	2 26 33 II	15	33	Capr.	4	□ ♂ ☽	Thunder
28	C	h 24 2 II	16	31	19	or rain.		
29	D		17	28	Aqua.	4	Fair and good.	
30	E	Craft. Trin.	18	25	18	Δ ♀ ☽	Hot	
31	F	0 IV 10 8 ♂	19	22	Pisces	2	and various.	

When Romulus the first King of the Romans would that the citie should be increased with inhabitants, having distinguished the people into *Majores* and *Minores*; he ordained this moneth should have 31 days, calling it *May, à maioribus populi,* to whom it was dedicated.

Days of the moneth	Sun rising.		Sun setting.	
	Ho. M.	Ho. M.		
1	4	22	7	38
2	4	21	7	39
3	4	19	7	41
4	4	17	7	43
5	4	16	7	44
6	4	14	7	46
7	4	13	7	47
8	4	11	7	49
9	4	9	7	51
10	4	7	7	53
11	4	6	7	54
12	4	5	7	55
13	4	4	7	56
14	4	3	7	58
15	4	1	7	59
16	4	0	8	0
17	3	59	8	1
18	3	58	8	2
19	3	57	8	3
20	3	56	8	4
21	3	55	8	5
22	3	54	8	6
23	3	53	8	7
24	3	52	8	8
25	3	51	8	9
26	3	50	8	10
27	3	49	8	11
28	3	48	8	12
29	3	48	8	13
30	3	47	8	12
31	2	47	2	11

May.

Last quarter the 1 day, 21 min. past seven at night.

New moon the 9 day, 14 min. past 7 at night.

First quarter the 17 day, 47 min. past 5 after noon.

Full moon the 24 day, 24 min. past ten before noon.

1	e	Hichodemus	20	19	Hic.	16	Δ h ♀	Drie
2	f	Corp. Christi	21	20		22	and very windie	
3	g		22	13	Aries	12	♂ ○ ♀ with	
4	g	2 23 35 ⚡	23	10		21	thunder, hail, or	
5		1 after Trin.	24	7	Taur.	7	Δ ○ h dark wea-	
6	i	Octab. Trin.	25	5		19	ther. ♂ ♀ ☽	
7	d	4 11 22 ⚡	26	2	Gem.	6	Clearer weather.	
8	c	Hedward	26	59		13	* ♂ ☽	
9	f	3 17 5 V	27	58		24	Some storms;	
10	g	Onuphrius	28	53	Canc.	6		
11	g		19	50		18	■ ♂ ☽	
12		2 after Trin.	20	47	Leo	0	* ♂ ♀	
13	c	Quind. Trin.	1	44		12	Thunder-like, and	
14	d	Valerius	2	41		24	on the 14 and 16	
15	c	Attis	3	38	Virg.	7	comes rain. * ○ ☽	
16	f	Bob and	4	35		19	■ ♀ ☽ windie.	
17	g	Satyrus	5	32	Libra	2	Td. h . Hail,	
18	a	2 29 19 ⚡	6	29		15	or thunder.	
19		3 after Trin.	7	27		24	■ ☽ ☽ A more	
20	c	Fres Trin.	8	24	Scorp.	13	Q ☽ ♀ milde tem-	
21	d	2 19 57 II	9	21		28	per of weather like	
22	e		10	18	Sag.	11	Td. ☽ ♂ to be now	
23	f	h 23 45 ⚡	11	15		17	Δ ♂ ☽	
24	g		12	1	Cap.	13	♂ ○ ☽	
25		4 14 50 ⚡	13	9		28	■ ♂ ☽	
26		4 after Trin.	14	6	Aqua.	13	Δ h ♀ windie.	
27	c	Sleepers	15	3		27	SS. ○ ♀ Fair and	
28	d	5 0 22 ⚡	16	0	Hic.	11	good clear weather	
29	e		16	57		23	most what a good	
30	f	2 13 21 II	17	54	Aries	8	while together.	

*June* in like manner was so named à *Junioribus populi*, as Ovid sheweth. But others fetch it from *Juno*, because of the many honours done to her at this season. Or else it is called *June* from *Junius Brutus* the first Consul, who on the first day performed holy rites to the goddesses *Carnea*.

### June.

Deyer of the moneth	Sun rising.	Sun setting.	Ho. M.	Ho. M.
1	3	46	8	14
2	3	46	8	14
3	3	45	8	15
4	3	45	8	15
5	3	44	8	16
6	3	44	8	16
7	3	44	8	16
8	3	43	8	17
9	3	43	8	17
10	3	43	8	17
11	3	43	8	17
12	3	43	8	17
13	3	43	8	17
14	3	43	8	17
15	3	44	8	16
16	3	44	8	16
17	3	45	8	15
18	3	45	8	15
19	3	46	8	14
20	3	46	8	14
21	3	47	8	13
22	3	47	8	13
23	3	48	8	12
24	3	48	8	12
25	3	49	8	11
26	3	49	8	11
27	3	50	8	10
28	3	50	8	10
29	3	51	8	9
30	3	52	8	8

The longest day. It is with us (at sea? about Cambridge) 16 hours and 34 minutes long.

Last quarter the 1 day, 40 min. past 6 in the morning.  
 New moon the 9 day, 15 min. past 10 in the forenoon.  
 First quarter the 17 day, 20 min. past 2 in the morning.  
 Full moon the 23 day, 32 min. past 5 after noon.  
 Last quarter the 30 day, 53 min. past 8 at night.

1 G	2 28 53 II	18	52	Aries	21	Good weather
2 B	Vist. May	19	49	Taur.	3	most what till
3	5 a.m. Trin.	20	46		16	* ♀ ♀ the sixth
4 C	Bleticus	21	43		27	and seventh
5 D	Ynseis	22	40	Gem.	9	* ♀ ♂ days.
6 E	h 14 2 ≈	23	37		21	Thunder
7 F	Wecket	24	34	Canc.	3	and hail, and not
8 G	Chilian	25	31		15	very hot till the
9 H	Cytil	26	29		27	Δ ♂ ♀ 12 and
10 I	6 after Trin.	27	26	Leo	9	13 days.
11 J	Pius	28	23		21	Pleasant. ♂ ♀ ⚡
12 K	4 18 19 ♀	29	20	Virg.	4	Δ ♂ ⚡ Hot and
13 L	8	0 18	18		17	rainy weath. * ♀ ⚡
14 M	5 11 2 ⚡	1	15		29	■ ♀ ⚡ Scarce
15 N	Switlin	2	12	Libr.	12	Peatiers ⚡. fair.
16 O	7 2 18 ⚡	3	9		25	Windle
17 P	7 after Trin.	4	7	Scorp.	9	and showers.
18 Q	2 29 12 ⚡	5	4		23	Better weather till
19 R	6	1	Sag.		7	the 23 day.
20 S	Margaret	6	54		21	Perig.
21 T	6 24 4 ≈	7	56	Capr.	6	♂ ♀ ⚡ Like to
22 U	Mary Magd.	8	51		2	be it rain.
23 V	11 10 41 ♀	9	51	Aqua.	6	Great
24 W	8 after Trin.	10	48		3	winds.
25 X		11	46	Pices	6	♀ 21 7 ♀
26 Y	7 12 37 ⚡	12	41		26	Some clouds.
27 Z	Partha	13	41	Aries	4	Thunder with
28 A	7 16 41 ⚡	14	38		17	great
29 B	Centrice	15	26	Taur.	6	winds. &
30 C	2 23 39 ♀	16	21		12	be it hail too.
31 D	9 after 1 30	17	21		24	* h ♀. ♂ ⚡ ⚡

This moneth of old time was called *Quintilis*, because it was the fifth from March: but it lost that name in the dayes of *Julius Ceser*, and in honour of him, born on the fourth Ides thereof, was called *July*, as both *Macrobius* and *Censorinus* shew.

<i>Dayes of the moneth</i>	<i>Sun. rising.</i>	<i>Sun setting.</i>	<i>No. M. No. M.</i>
1	3	53 8	7
2	3	54 8	6
3	3	55 8	5
4	3	56 8	4
5	3	57 8	3
6	3	58 8	2
7	4	59 8	1
8	4	0 8	0
9	4	1 7	59
10	4	3 7	57
11	4	4 7	56
12	4	6 7	54
13	4	7 7	53
14	4	8 7	52
15	4	10 7	50
16	4	11 7	49
17	4	13 7	47
18	4	15 7	45
19	4	16 7	44
20	4	18 7	43
21	4	19 7	41
22	4	21 7	39
23	4	22 7	38
24	4	24 7	36
25	4	26 7	34
26	4	27 7	33
27	4	29 7	31
28	4	30 7	30
29	4	32 7	28
30	4	34 7	26
31	4	36 7	24

## July.

New moon the 8 day, 34 min. past one in the morning.  
 At 2 quarter-hr 15 min. 30 min. past nine before noon.  
 Full moon the 21 day, 3 minutes past two morning.  
 Last quarter the 29 day, 10 min. past two afternoon.

1	La. 1st day	18	29	Gen.	6	Hot weather.
2	D 15 25 ♂	19	27		18	Thunder-like.
3	S 16 23 5 ♀	20	23	Cinc.	○ ♦ ♡ ⚡	
4	21 Libra	21			19	Cool and moist.
5	22 32 ♈	22			23	Rain after noon.
6	23 31 ♉	23			25	With Pleiades.
7	24 30 ♊	24			28	Fair winds and
8	25 29 ♋	25			29	hot weather.
9	26 28 ♌	26			13	Something cool
10	27 Sagittarius III	27	9		25	and cloudy.
11	28 26 ♍	28	6	Libra	9	Thunder and heat.
12	29 25 15 ♂	29	4		22	水 ♡ ⚡
13			○ ♦	Scorp.	5	Thunder-like.
14	1st Trin.		0		19	□ ♡ ⚡
15	2nd Trin.		1		58	Sight.
16	3rd Trin.		2		3	Hot and ♂ ♂ ⚡
17	4th Trin.		3		17	windy.
18	5th Trin.		4		54	Capt.
19	6th Trin.		5		16	SS. h
20	7th Trin.		6		○	wind & rain.
21	8th Trin.		7		1	end of bewick.
22	9th Trin.		8	Aqua.	39	水 ♡ ⚡
23	10th Trin.		9		48	Pisces
24	11th Trin.		10		45	○ ⚡ ○ ⚡
25	12th Trin.		11		43	Ades
26	13th Trin.		12		13	Die △ ♂ ♡
27	14th Trin.		13		25	weather.
28	15th Trin.		14		8	△ ○ ⚡
29	16th Trin.		15		36	rain-like.
30	17th Trin.		16		34	Gen.
31	18th Trin.		17		33	2 ⚡ ⚡ ⚡ thunder-like.
					14	△ ♡ ⚡
					31	Cool ⚡ h ⚡
					29	Capt. 8 and moist.

This month of old was called Sex i-llis, but in honour of Augustus, who (in the 38 Julian year) took order for a full mending of the Kalender, it was by a decree in Senate appointed to be called August, according to the name of Augustus the Emperour.

## August.

	<i>Ho. M.</i>	<i>Ho. M.</i>	
1	4	37	7 23
2	4	39	7 21
3	4	41	7 19
4	4	43	7 17
5	4	44	7 16
6	4	46	7 14
7	4	48	7 12
8	4	50	7 10
9	4	52	7 8
10	4	54	7 6
11	4	56	7 4
12	4	58	7 2
13	5	0	7 0
14	5	26	58
15	5	46	56
16	5	66	54
17	5	86	52
18	5	106	50
19	5	126	48
20	5	146	46
21	5	166	44
22	5	186	42
23	5	196	41
24	5	216	39
25	5	236	37
26	5	256	35
27	5	276	33
28	5	296	31
29	5	306	30
30	5	226	28
31	5	346	26

New moon the sixth day, 56 min. past one afternoon.  
 First quarter the 13 day, 46 min. past three afternoon.  
 Full moon the 20 day, 53 minutes past noon.  
 Last quarter the 28 day, 34 minutes past nine morning.

1	f	h 28 3 ≈	18	18	Canc.	20	♂ 4 ♀	Very good
2	g	Veronica	19	26	Leo	3	& pleasant weath.	
3	h	4 26 47 ♂ 20	25	15				for many days
4	c	14 after Trin.	21	24		27	together.	♂ 4 ♀
5	e	♂ 10 16 II	22	22	Virg.	10	■ ♂ ♀	
6	d	Magnus	23	21		23	♀ elong. max.	
7	e	Regina	24	20	Libr.	2	△ ♂ ♀	
8	f	Nat. of Mary	25	18		20	Cloudy & cool	
9	g	♀ 9 16 ♀	26	17	Scorp.	3	the 8, or 9 rather.	
10	h	♀ 23 9 ≈	27	16		17	♂.	
11	c	15 after Trin.	28	15	Sag.	1	Volatile.	
12	c	SS. h ○	29	13		15	■ ♂ ♀	Storms
13	d		○ ≈ 12			29	of rain & wind, &	
14	e	Holy Rood.	1	11	Capr.	13	△ ♀ ♀	thunderlike
15	f	Nichodeus.	2	10		27	Temperate and	
16	g	Luphem.	3	9	Aqua.	11	better weather.	
17	h	Lampert	4	9		15	△ ♀ ♀	
18	c	16 after Trin.	5	8	Pisces	9	■ ♂ ♀	10 p.
19	c	4 3 5 ♀	6	7		23	Rain like.	
20	d	Fausta	7	6	Aries	7	♂ ○ ♀	
21	e		8	6		21	* ♂ ♀	
22	f	Mauritius	9	4	Taur.	4	Cloudy and	
23	g	Esdias	10	3		16	cool.	
24	h	Samuel	11	3		29	■ 4 ♀	
25	c	17 after Trin.	12	2	Gem.	11	Temperate.	
26	c	Cyprian	13	1		23	SS. h ♀ Cool	
27	d	Apog.	14	1	Canc.	6	and misting.	
28	e	■ ○ ♀	15	0		17	Flying clouds.	
29	f		16	0		29	Much Wind and	
30	g	△ ♂ ♀	16	19	Leo	10	rain to the end.	

September the seventh from March, was sometimes called *Germanicus*, from *Germanicus* the son of *Druus*, who eagerly defended the *Romans* against the *Germanes*, and took order that the unburied reliques of the legions of *Quintilius Vetus* should be buried.

<i>Days of the month</i>	<i>Sun rising.</i>	<i>Sun setting.</i>	<i>Ho. M.</i>	<i>Ho. M.</i>
1 5	37 6	23		
2 5	39 6	21		
3 5	40 6	20		
4 5	42 6	18		
5 5	44 6	16		
6 5	47 6	14		
7 5	48 6	12		
8 5	50 6	10		
9 5	52 6	8		
10 5	54 6	6		
11 5	56 6	4		
12 6	58 6	2		
13 6	0 6	0		
14 6	2 5	58		
15 6	4 5	56		
16 6	6 5	54		
17 9	8 5	52		
18 6	11 5	49		
19 6	13 5	47		
20 6	15 5	45		
21 6	18 5	43		
22 6	20 5	40		
23 6	22 5	38		
24 6	24 5	36		
25 6	26 5	34		
26 6	28 5	32		
27 6	30 5	30		
28 6	32 5	28		
29 6	34 5	26		
30 6	36 5	24		

## September.

October hath xxxi dayes.

New moon the 6 day, 40 minutes past 2 in the morning.  
 First quarter the 13 day, 25 min. past 10 at night.  
 Full moon the 20 day, 52 min. past two in the morn.  
 Last quarter the 28 day, 34 min. past 5 in the morning.

1	8	6	○	♀	1 a	17	59	Leo	23	Great wind, and
2	18	after Trin.	18			18	18	Virgo	5	various weather.
3	C	h	1	38	m	19	58		18	8 C
4	D	4	5	57	M	20	58	Libra	1	Unconstant.
5	F	♂	18	44.	II	21	58		15	Very wet and
6	i	Faith	bisg.			22	57		18	♂ ♀ 8 windie.
7	g	H	azcelius			23	57	Scorp.	13	* 4 C
8	8	♀	15	26	M	24	57		27	h 2 13 M
9	19	after Trin.	25			25	57	Sag.	11	Sudden rain
10	f	g	direct	11	52	26	57		25	or thunder.
11	D	Δ	♂	♀	p	27	57	Capr.	10	The 11 & 12 much
12	e	C	Petig.			28	57		23	like the 9.
13	f	sun in comp.				29	56	Aquar.	8	Snow or sleet.
14	g	C	alixtus			0	56		21	Δ ♀ C
15	8	♀	13	35	M	1	56	Pisc.	6	Cloudy cold
16	20	after Trin.				2	57		19	5 O h winter-like
17	C	h	3	18	M	3	57	Aries	3	weather.
18	D	L	U	K	O	4	57		16	Windy clouds.
19	E	♂	h	♀	p	5	57		29	Cold and moist.
20	f	Tres Mich.				6	57	Taur.	12	
21	g	U	z	u	l	7	57		25	Storms of
22	*	4	C			8	58	Gem.	7	hail.
23	21	after Trin.				9	58		19	5 ♀ cold & rain
24	C					10	58	Canc.	1	it snow.
25	D	P	in Apon.			11	59		13	Warmer.
26	e	U	m	and	na	12	59		25	Sleet h C
27	f	M	en	u	l	14	0	Leo	6	Frost like.
28	g	U	z	u	l	15	0		18	* ♂ C
29	a	h	4	44	m	16	1	Virgo	1	Δ h C Rotms of
30	24	after Trin.				17	1		12	P h wind, with
	f	4	10	17	M	18	2		26	hail and rain.

October is the eighth moneth from March, and was sometime called Domitius, from the name of Domitian the Emperour, the Senate so appointing: But this lasted not long, for they within a while after judged it to be but an unlucky name, both in coyn and Kalender.

Days of the month	M. Ho. M.	Sun rising.	Sun setting.
1.6	3 4 5	22	
2.5	4 1 5	19	
3.5	4 3 5	17	
4.5	4 5 5	15	
5.5	4 7 5	13	
6.5	4 9 5	12	
7.6	5 1 5	10	
8.5	5 2 5	8	
9.6	5 4 5	6	
10.5	5 5 5	4	
11.6	5 8 5	2	
12.7	0 5	0	
13.7	2 4	58	
14.7	4 4	56	
15.7	6 4	54	
16.7	8 4	52	
17.7	10 4	50	
18.7	12 4	48	
19.7	14 4	46	
20.7	15 4	45	
21.7	17 4	43	
22.7	19 4	41	
23.7	20 4	40	
24.7	22 4	38	
25.7	24 4	36	
26.7	25 4	35	
27.7	27 4	33	
28.7	29 4	31	
29.7	30 4	30	
30.7	32 4	28	
31.7	33 4	27	

## October.

New moon the 4 day, 30 min. past 2 aft. noon.  
 First quarter the 11 day, 25 min. past six in the morning.  
 Full moon the 18 day, at eight at night.  
 Last quarter the 27 day, 26 min. before one in the morn.

1 D		19	1 Libra	8 V c ♂ ♀
2 E	All souls.	20	2	22 The 3 and 4 very
3 F	Craft. animar.	21	3 Scorp.	5 wet and windy.
4 G		22	4	20 Q. 4
5 H		23	4 Sag.	5 White clouds &
6 I	13 after Trin.	24	5	20 more fair.
7 C	Moon in Perig.	25	6 Capr.	4 Sun-shine and
8 D	h 5 55 m	26	7	18 tending to frost.
9 E	W 11 27 M	27	8 Aquar.	3 Cold and cloudy.
10 F	S 14 3 II	28	9	18 Δ ♂ ☽
11 G	Martin bishop.	29	10 Piic.	2 Snow or rain.
12 H		0	11	15 Craft. Mart.
13 I	14 after Trin.	1	12	29 Milde weather.
14 C	Q 1 55 ♦	2	13 Aries	n2 ★ ♂ ☽
15 D	Leopold	3	13	15 Very wet, but not
16 E	Q 1 3 ♦	4	14 Taur.	7 greatly cold.
17 F	h 6 56 m	5	15	20 Venus occid.
18 G	Octab. Mart.	6	16 Gem.	2 Cold rain or
19 H	SS. h ♀	7	17	14 snow.
20 I	15 after Trin.	8	18	26 Very wet, with
21 C	♂ ○ ♂ 10 p	9	19 Cane.	8 wind and hail.
22 D	♂ & ♀ Occid.	10	21	20 Frosty and very
23 E	■ 4 ♀ 12 p	11	22 Leo	3 much wind and
24 F	■ 4 ○ 13 p	12	22	14 storms, the 22,
25 G	Quind. Mart.	13	24	26 23, 24, and 27
26 H	Conzade	14	25 Virg.	8 dyes especially.
27 I		15	26	20 Vc. h ♂
28 C		16	27 Libra	3 Δ ♂ ☽
29 D	* ○ C 1 p	17	28	16 The moneth ends
30 E		18	30 Scorp.	o something mildly.

November takes the name likewise from the order that it beareth in the Kalender; but in the dayes of the Emperour *Commodus* it was called *Exuperatorius*, by which name the flattering sycophants of *Commodus*, used to call him.

Dyng of the moneth	Sun rising.	Sun setting.	Hs. M. Hs. M.
	Hs. M.	Hs. M.	
1	7	354	25
2	7	374	23
3	7	364	21
4	7	404	20
5	7	424	18
6	7	444	16
7	7	454	15
8	7	474	13
9	7	494	11
10	7	504	9
11	7	524	8
12	7	544	6
13	7	554	5
14	7	574	3
15	7	584	2
16	7	594	1
17	8	04	0
18	8	13	59
19	8	23	58
20	8	33	57
21	8	43	56
22	8	53	55
23	8	63	54
24	8	73	53
25	8	83	52
26	8	93	51
27	8	103	50
28	8	113	49
29	8	123	48
30	8	133	47

## November.

New moon the 4 day, 52 min. past one in the morning.  
 First quarter the 10 day, 21 min. past 5 after noon.  
 Full moon the 18 day, 38 min. past one after noon.  
 Last quarter the 26 day, 19 min. past five at night.

1	f	h 8 25 m	19	30	Scor. 14	5 h C	Cloudy
2	g	Candidus	20	32		18	ind cold.
3	g	4 13 26 ♀	21	33	Sag.	13	Sun-shine.
4		sun. in Adv.	22	34		18	Rain-like and
5	c	Td. V ♀	23	36	Capr. 13	one wind.	
6	d	Nicholaus	24	37		18	Frosty and clear
7	c	Bogathon	25	38	Aqua. 13	weather.	
8	f	Concep. Mar	26	39		2	h V C
9	g	Vc ♂ ♀	27	40	Pilces	12 Δ h C	
10	g	Bq ♂ ♀	28	41		35	Cold wind.
11		sun. in Adv	29	42	Aries	9	Snow or sleet.
12	c		30	44		22	B1 ♂ ♀ 13
13	d	Lucy Virg.	1	45	Taur.	4	Wind and
14	e	Vc ♂ O	2	47		17	tum.
15	f	2 15 51 ♀	3	48		27	♂ C 5 ♀
16	g	O Sapientia.	4	49	Gem.	13	Fair and fine
17	a	Kazarius	5	51		23	Fatty Δ V ♀
18		4 sun. in Adv.	6	52	Canc.	5	weather.
19	c	Apog.	7	54		17	8 ♀ C
20	d	3 2 6 II	8	55		29	Cloic sinecend-
21	e		9	56	Leo	11	ing to snow.
22	f	Theodesc	10	58		23	4 13 49 ♀ retr.
23	g	2 21 0 Vp	11	59	Virg.	5 *	h C
24	g	2 0 36 ***	12	0		17	Freezing still.
25			13	1		29	Δ O 4 Clear and
26	c		14	2		14	one wind the 25,
27	d		15	3	Libra	14	
28	c		16	4		21	■ 2 C 18, and 29,
29	f	Bq. V ♀	17	5	Scorp.	9	especially.
30	v	David	18	6		22	* 8 C
31	a	Wolvester	19	8	Sag.	6	Sun-shine. ■ 4 C
			20	9		23	Impetuous.

umber (the tenth from March) was sometime called Amazonius; & this also when Co-nodus receded, who gave his own name to August; September he called Hercules, October Invictus; November Exauditorius; and December A-

No. M.

Ho. M. Amazonius. But these names for months I

Depri- mber	AM	PM	24
1	9	14	46
2	8	14	46
3	8	15	45
4	8	15	45
5	8	16	44
6	8	16	44
7	8	17	44
8	8	16	43
9	8	17	43
10	8	17	43
11	8	17	43
12	8	17	43
13	8	16	43
14	8	16	43
15	8	16	43
16	8	16	43
17	8	16	43
18	8	16	43
19	8	16	43
20	8	15	43
21	8	15	43
22	8	14	46
23	8	14	46
24	8	13	47
25	8	12	47
26	8	11	49
27	8	10	50
28	8	9	51
29	8	8	52
30	8	7	53
31	8	6	54

## December.

The shortest day. It is with us (at Cambridge) but seven hours and 26 minutes long.

Dove 1659.

## Of the Eclipses this year.

**T**here will be three Eclipses this year visible to us in our Horizon, if clouds hinder not: two of the Moon, and one of the Sun.

The first of the Moon will be on the 16 day of April in the evening. It beginneth at 35 minutes past six; is at its greatest darkness one minute past eight; and by 27 minutes past nine it will be fully ended: So that the whole time of this Eclipse is two houres and 52 minutes. And the parts of the Moons body darkned, will be eight digits, 58 minutes, and 25 seconds, the Moon being then in the 16 degree and 12 minutes of Scorpio.

The other Eclipse of the Moon will be upon Thursday the 10 day of October, in the 6 degree and some minutes of Tauru<sup>c</sup>. It beginneth at 41 minutes past one in the morning; is at the greatest darkness eight minutes past thicke; and endeth 36 minutes past four: So that the whole time which it lasteth, is two houres and 55 min. and the digits or parts eclipsed be 7 and about 13 min.

That of the Sun is next, and is a great Eclipse. It will be on the fourth day of November, in the afternoon. The beginning is at 51 minutes past one; the middle at four minutes past three; and the end at 13 minutes past four: So that the whole time (from first to last) in this Eclipse, is two houres and 22 minutes. It happens in the two and twentieth degree and about 22 minutes of Scorpio, which is noted to be the most violent sign in all the whole Zodiack. It is eclipsed to the quantitie of well-near nine digits, and treads as near as can be upon the heels (as it were) of the former, which was in the opposite sign unto it: But the first was in the self same sign with it, as they that list to observe may see. And thus much for the Eclipses.

Physical

Physicall Observations.

**F**our seasons of the yeare there are in all;  
The Summer and the Wintre, Spring and Fall:  
In every one of these, the rule of reason  
Bids keep good Diet, suting every season.

In Summers heat ( when choller hath dominion )  
Cool meats are best in use in my opinion.  
The Fall is like the Spring, but endeth colder:  
With wines and spice the Winter may be bolder.

In Spring your dinner must not much exceed;  
In Summers heat but little meat shall need:  
In Autumn ware you eat not too much fruit;  
With Winters cold full meals do fitteſt ſure.

For healthy men may cheeſe be wholesome food,  
But for the weak and fickly 'tis not good.  
Long ſleep at after-noons, by stirring fumes,  
Breedes Sloth and agues, aking-heads and rhumes.

Great ſuppers do the ſtomach much offend:  
Sup light if quiet you to ſleep intend.  
And think it good advice, not idle talk,  
Which after ſupper faith, 'tis good to walk.

*Fons, Speculum, Gramen, hac dext Oculis relevamen.  
Musca igitur moneta, sed serum inquirito fontes.*

The meaning of which two verses is this; namely, There be three things which greatly comfort the ſight, that is, Clear water, a Clear glaſſe, and Green colours : Wherefore in the morning walk to the hills, and after ſupper by the water fide. But beware of great ſuppers, and late : for great and late ſuppers do much hurt both the brain and eyes, and are therefore banished from all healthfull houses.



Dover 1659.

A Table for 38 years  
to find the Cycle of  
the Sunne, Dominical Letter,  
and Leap-year.

yeare of the Lord.	cycle of the sun.	leap year	letter
1657	14	D	
1658	15	C	
1659	16	B	
1660	17	A.G	
1661	18	F	
1662	19	B	
1663	20	D	
1664	21	C.B	
1665	22	A	
1666	23	G	
1667	24	F	
1668	25	E.D	
1669	26	C	
1670	27	B	
1671	28	A	
1672	1	G.F	
1673	2	E	
1674	3	D	
1675	4	C	
1676	5	B.A.	
1677	6	G	
1678	7	F	
1679	8	E	
1680	9	D.C	
1681	10	B	
1682	11	A	
1683	12	G	
1684	13	F.E	

A Table for 38 years to find the  
Golden number and Epact.

yeare of the Lord.	cycle of the sun.	Golden Number	Epact.	the day of the mon.
1657	5	25	1676	
1658	6	6	1677	
1659	7	17	1678	
1660	8	28	1679	
1661	9	9	1680	
1662	10	20	1681	
1663	11	1	1682	
1664	12	12	1683	
1665	13	23	1684	
1666	14	4	1685	
1667	15	15	1686	
1668	16	26	1687	
1669	17	7	1688	
1670	18	18	1689	
1671	19	29	1690	
1672	1	11	1691	
1673	2	22	1692	
1674	3	3	1693	
1675	4	14	1694	

Seek the year of the Lord  
wherein you desire to be  
satisfied, and you shall find  
placed directly against it  
that which you look for,  
And thus must you do in  
both tables.

Dow 1659.

A perfect Table whereby (if you know  
but the Golden number and Sunday letter).  
you may find Easter day for ever.

Mr. standeth for March, and Ap. for April.

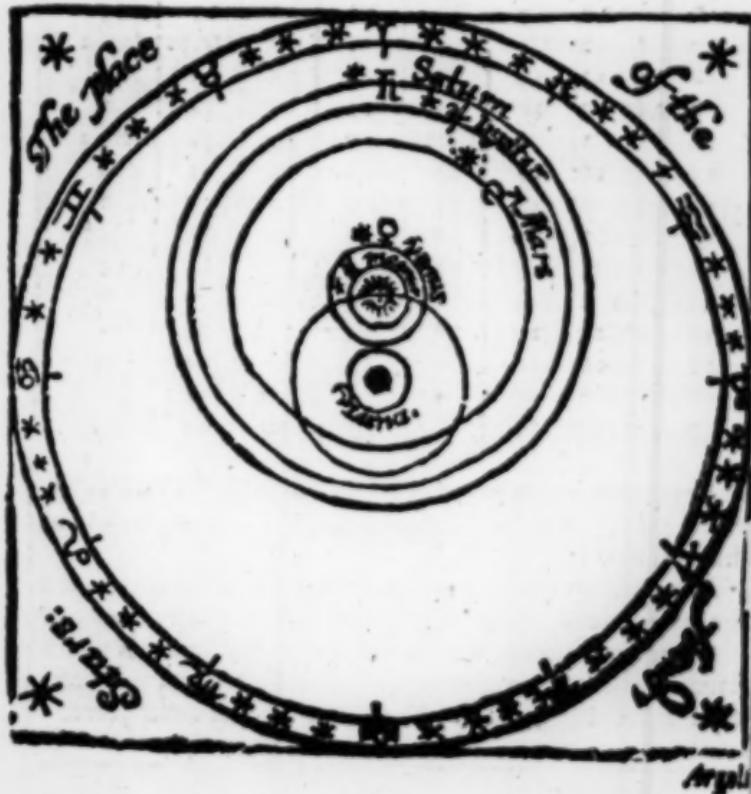
G.N.	A	B	C	D	E	F	G
1	Ap. 9	10	11	12	6	7	8
2	Mr. 26	27	28	29	30	31	Ap. 1
3	Ap. 16	17	18	19	20	14	15
4	Ap. 9	3	4	5	6	7	8
5	Mr. 26	27	28	29	23	24	25
6	Ap. 16	17	11	12	13	14	15
7	Ap. 2	3	4	5	6	Mr. 31	Ap. 1
8	Ap. 23	24	25	19	20	21	22
9	Ap. 9	10	11	12	13	14	8
10	Ap. 2	3	Mr. 28	29	30	31	Ap. 1
11	Ap. 16	17	18	19	20	21	22
12	Ap. 9	10	11	5	6	7	8
13	Mr. 26	27	28	29	30	31	25
14	Ap. 16	17	18	19	13	14	15
15	Ap. 2	3	4	5	6	7	8
16	Mr. 26	27	28	22	23	24	25
17	Ap. 16	10	11	12	13	14	15
18	Ap. 2	3	4	5	Mr. 30	31	Ap. 1
19	Ap. 23	24	18	19	20	21	22

Find the Golden Number on the side, and the Sunday letter on the top, and their common angle of meeting shews you that you seek for.

**Example.** In this year 1659 the Golden number is 7, and the Sunday letter B. I find 7 on the side, and carry my finger strait on from thence till I come under the letter B which stands on the top: and so doing I find Easter Day this year to be April the 3. The like order is for any other yeare.

It is an opinion which hath been maintained by many, both elder and later, that the starres are moved in the Heavens by solid Orbs: but by the infallible observations, and unparallelled instruments of the learned Tycho, that opinion is found to be altogether false. Beside which, he hath discovered many other truths: as that ♀ and ♂ move about the ☽, that all the other Planets ( except ☽ ) respect ☽ for their centre. That ♂ in ♃ to ☽ is nearer the earth then ♀ in Apogee. That ♂ in ♃ is nearer then ☽ himself. I cannot enlarge for want of room: onely see this Figure.

Tycho's Systeme or figure of the Heavens.



Dove 1659.

Argol likewise hath a figure of the Spheres, but not the same with Tycho's : yet because they both of them account the earth to be the centre of the world, and unmoveable ; I shall here set it down, that the Reader may as well see the one as the other.

---

A Systeme or figure of the Heavens, according to ARGOL.



C

A

Dove 1659.

A Table shewing the longest day in those places which lie betwixt the Latitude of 36 and 66 degrees.

Deg. of Latitude.	Longest day.			Deg. of Latitude.	Longest day.		
	H.	M.	Sec.		H.	M.	Sec.
37	14	33	4	52	16	30	32
38	14	37	36	53	16	41	52
39	14	44	56	54	16	54	8
40	14	51	12	55	17	7	4
41	14	57	44	56	17	21	4
42	15	4	24	57	17	36	16
43	15	11	20	58	17	52	48
44	15	18	40	59	18	10	48
45	15	26	8	60	18	30	56
46	15	34	8	61	18	53	10
47	15	42	24	62	19	18	24
48	15	51	4	63	19	48	40
49	16	0	8	64	20	34	24
50	16	9	44	65	21	10	32
51	16	39	52	66	22	20	40

A

Dove 1659.

A table of the increasing & decreasing of the dayes  
according as they either lengthen or shorten.

dayes	January ho. mi.	Februar ho. mi.	March ho. mi.	April ho. mi.	May ho. mi.	June ho. mi.	
1	0	30	2	10	3	58	6
2	0	34	2	16	4	6	4
4	0	38	2	22	4	14	6
6	0	44	2	30	4	22	6
8	0	48	2	38	4	30	6
10	0	52	2	44	4	38	6
12	0	56	2	52	4	46	5
14	1	0	3	52	4	50	5
16	1	8	3	54	4	56	6
18	1	14	3	55	2	57	7
20	1	22	3	16	5	10	7
22	1	30	3	24	5	18	7
24	1	38	3	32	5	26	7
26	1	46	3	40	5	36	7
28	1	52	3	50	5	44	7
30	1	0	0	0	5	52	7

Dayes decrease.

dayes	July ho. mi.	August ho. mi.	Septem. ho. mi.	October ho. mi.	Novem. ho. mi.	Decemb. ho. mi.	
1	0	22	1	42	3	50	5
2	0	26	2	0	3	58	6
4	0	30	3	6	4	6	6
6	0	34	2	12	4	14	6
8	0	40	2	18	4	22	6
10	0	44	2	26	4	30	6
12	0	48	2	34	4	38	6
14	0	54	2	42	4	46	6
16	0	56	2	48	4	52	6
18	1	0	2	48	4	54	6
20	1	8	2	56	5	62	7
22	1	14	3	4	5	10	7
24	1	20	3	21	5	18	7
26	1	26	3	20	5	26	7
28	1	34	3	28	5	36	7
30	1	42	3	37	5	44	7

Dayes increase.

Dove 1659.

Of the foure Seasons of the yeare, and  
of the diseases incident to them  
as they vary from their  
naturall temper.

*And first of the Spring.*

The wished and the welcome Spring takes its beginning with the Sunnes entrance into Aries : which will be this yeare on the tenth day of March , 58 minutes past noon, at which time the dayes and nights are of equall length. This season is naturally hot and moist : But if it so vary from this naturall temper as that it be windy and drie, then is it bad for old folks and child-bearing women. If very wet, expect dangerous Agues the Summer following, with Apostumes, Phrenses, and the like. But if very cold and wet, with many South winds, it is likely to breed dangerous and infectious diseases.

*Of Summer.*

When the Summer quarter is drie and full of North-winds, and the Autumne after it rainy, and South-winds common in it, then look for Coughs, Rhumes, Hoarsenesse, and in some Consumptions, as also great pains in the head towards the winter after. This quarter begins with the Sunnes entrance into Cancer on the eleventh day of June, about four of the clock after noon. The dayes are now with us, at and about Cambridge, 16 hours and 34 minutes long, and the nights like unto the shortest dayes in Winter, onely 7 houres and 26 minutes.

Of

Dover 1659.

*Of Autumne.*

**W**HEN this season is dry and full of North-winds; then shall men and women who are of moist complexion, be in best health: But men of other natures and complexions, shall be dissibled with divers dry diseases, with long and sharp Feavers, and other melancholly griefs. This quarter begins on the thirteenth day of September about seven in the morning: and now are the dayes and nights again of equall length, the Sunne then entring Libra.

*Of Winter.*

**T**HE Winter quarter begins on the 21 day of December, at thirty five minutes past six at night, at which time the dayes are as short as the nights were in the Summer: for now the Sunne enters Capricorn, which is the Signe opposite to Cancer. If the Winter be dry and full of South-winds without frosts, it bringeth pains in the breast, costiveness in the belly, stopping of the urine, exulcerations, with inflamations and sharpnesse of urine. This is that quarter which is naturally like to old age, in which mans radicall moisture ( like oyl in a lamp ) being extinguished, death addeth a period to his dayes, like winter storms which kill weak herby, and old decayed plants.

*And therefore Man thou art but like to grasse,  
Which springing up with sythe may chance be cropp  
Before the Summer of thy age do passe,  
Or Autumnes leaves from fading trees be drops;  
Tis is thy hap, if that thou liv'st thus long,  
Age like the Swan, will sing thy dying song.*

Dover 1659.

A Table of the Essential Dignities of the Planets, according to Ptolemy.											
The Terms of the Planets.						The Faces of the Planets.					
Di. No.	D	Citie of the Planets	Exaltati- on.	Habits of the Plan- ets.	Sig- nifics.	Di. No.	D	Citie of the Planets	Exaltati- on.	Habits of the Plan- ets.	Sig- nifics.
I. N. 1. 3.	○	4.	19.	6.	2.	2.	14.	2.	11.	3.	16.
II. S. D. 3.	○	2.	15.	8.	7.	2.	15.	1.	22.	1.	26.
III. D. N. 4.	○	5.	2.	7.	8.	1.	14.	2.	21.	1.	25.
IV. D. D. 5.	○	6.	15.	6.	6.	1.	13.	2.	19.	4.	25.
V. O. N. 6.	○	7.	1.	5.	5.	2.	13.	2.	14.	5.	30.
VI. S. D. 7.	○	8.	19.	4.	4.	2.	12.	2.	13.	6.	30.
VII. D. N. 8.	○	9.	2.	3.	3.	1.	11.	1.	19.	7.	30.
VIII. S. D. 9.	○	10.	15.	3.	2.	1.	6.	1.	24.	8.	30.
IX. N. D. 10.	○	11.	21.	2.	1.	1.	5.	1.	25.	9.	30.
X. D. N. 11.	○	12.	2.	1.	1.	1.	4.	1.	27.	10.	30.
XI. S. D. 12.	○	13.	1.	0.	0.	1.	3.	1.	27.	11.	30.
XII. D. N. 13.	○	14.	1.	1.	1.	1.	2.	1.	14.	12.	30.
XIII. S. D. 14.	○	15.	1.	0.	0.	1.	1.	1.	15.	13.	30.
XIV. N. D. 15.	○	16.	1.	1.	1.	1.	0.	1.	16.	14.	30.
XV. D. N. 16.	○	17.	1.	0.	0.	1.	1.	1.	17.	15.	30.
XVI. S. D. 17.	○	18.	1.	1.	1.	1.	0.	1.	18.	16.	30.
XVII. D. N. 18.	○	19.	1.	0.	0.	1.	1.	1.	19.	17.	30.
XVIII. S. D. 19.	○	20.	1.	1.	1.	1.	0.	1.	20.	18.	30.
XIX. N. D. 20.	○	21.	1.	0.	0.	1.	1.	1.	21.	19.	30.
XX. D. N. 21.	○	22.	1.	1.	1.	1.	0.	1.	22.	20.	30.
XXI. S. D. 22.	○	23.	1.	0.	0.	1.	1.	1.	23.	21.	30.
XXII. D. N. 23.	○	24.	1.	1.	1.	1.	0.	1.	24.	22.	30.
XXIII. S. D. 24.	○	25.	1.	0.	0.	1.	1.	1.	25.	23.	30.
XXIV. D. N. 25.	○	26.	1.	1.	1.	1.	0.	1.	26.	24.	30.
XXV. S. D. 26.	○	27.	1.	0.	0.	1.	1.	1.	27.	25.	30.
XXVI. D. N. 27.	○	28.	1.	1.	1.	1.	0.	1.	28.	26.	30.
XXVII. S. D. 28.	○	29.	1.	0.	0.	1.	1.	1.	29.	27.	30.
XXVIII. D. N. 29.	○	30.	1.	1.	1.	1.	0.	1.	30.	28.	30.
XXIX. S. D. 30.	○	31.	1.	0.	0.	1.	1.	1.	31.	29.	30.
XXX. D. N. 31.	○	32.	1.	1.	1.	1.	0.	1.	32.	30.	30.

Dove 1659.

Observations concerning the change  
of weather.

Signes of fair weather.

The Sun rising and setting cleare; The Moon cleare  
three daies after the Change, or three daies before the  
full; Spots appearing in a full Moon; Towards  
Sun-setting clouds with golde: edges; A cloudy skie  
clearing against the wind; The Rain-bow appearing  
onely meanly red and yellowish; Red Evening with a  
gray morning; The Crow crying betimes in the morn-  
ing; Any of these are usuall signes of fair weather.

Signes of rain.

When the Sun in his rising is hid of a black  
cloud, when the moon within 2 or 4 dayes af-  
ter the Change is blunt on both horns; A rain-bow ap-  
pearing in a faire day, the greener the moze rains; The  
extraordinary chattering of the Pie; The often twit-  
ting of the Owl; The screaming of the Peacockes;  
Cattel licking their hooft behind; when the biggest  
starres onely appear, and that mistily; Lute or Violl  
strings cracking when they are not touched; Any of  
these are usuall signes of rain.

Signes of wind.

Red clouds in a morning; Often shooting of stars;  
Clouds flying swift in a clear aire; The rain-bow  
red; Black circles with red strikes about the Sun or  
Moon; Starres dimbe and sley: But it is a signe of  
wind and showers, when the sun-beams appear before  
the sun riseth; or if the sun set pale, or be inclosed with  
a black circle when he is neare the time of his setting.

Dove 1659.

### Signes of hot weather.

**M**any Battis flying abroad sooner then ordinary; white mist arising out of moors, or waters, before sunne rise, or after sun-setting; Rites flying high in the aire; Crows, or Ravens gaping against the sunne; Hooze of flies playing in the sunne shining towards night.

### Signes of cold weather; of Frost, of Snow and of Hail.

**C**louds flying low, seeming to touch the tops of hills are signes of cold weather; Great flocks of small birds gathered together in the beginning of winter, do foretel either cold storms, or frosty weather; If in the winter the sun shine cleare towards night, and redder then before, any cold wind blowing, expect a frost; The extraordinary twinkling of the starres foretelleth a hard frost; Clouds upon heaps like Rocks, in summer hail, but in winter snow; An obscure circle about the sunne or moon in the winter, or a sudden overcasting of the aire, is a very likely token of snow.

### Signes of drought.

**S**tarres seeming dim and fiery red, do signifie either Drought, or Wind, or both.

### Signes of the continuance of a frost, and of thawing.

**S**now falling in the beginning of a frost, if it fall very small, then is the weather colder, and the frost likeliest to hold: but if the snow fall big, and in great flakes, then is it like to thaw very suddenly: other signes of a thaw may be the sudden turning of the wind, especially into the South.

Other

Dove 1659.

## Other observations to foreknow the state of the yeare

**O**RIGANUS noteth, that the eighth of June ( being *dies Medardi* ) is held to be a Critical day by reason of the doubtfull constitution of the aire, which the stars of the nature of *Venus* and *Mercury* then make: insomuch that if it be a rainy day, it foretelleth a wet & rainy harvest or hay-time: if fair, the contrary; Which observation (saith he) although it doth not alwayes hold, yet doth it seldom altogether fail.

The same authour also saith, that the second of July (when the first star in the girdle of *Orion* riseth with the Sun in the 19 degree of *Cancer*) is likewise a Critical day; insomuch that if it rain on the first (or second rather) of July, it oftentimes doth (more or less) for four weeks together.

The same authour saith again, that if the 24 of August be fair and clear, then do the husbandmen hope for a good and prosperous Autumne to succeed that year.

The first of September is also said to be Critical to the Huntsmen in their observation: for first (but the rule doth not alwayes hold) if it rain not on this day, the rest of Autumn is like to be dry. Secondly, if the Bucks & Does be hardly brought to copulation, then shall be a backward winter; and so on the contrary: *Ptolemy* (to whom *Stadius* assenteth) saith, that as the swallows begin not at all to appear before the tenth day of March, so after the twelfth of September, they be seen that year no more.

It is common among the countrey people, to judge of the following winter by the quarter wherein the wind shall be on the first of November: But that which is more observable is the second of November, which to the Arabian Astrologers was a Critical day, from whence they could know something in general concerning the disposition of the air in rain, thunder and lightnaing. For if *Jupiter*, *Venus*, and *Mercurie* were then Occidental, or retrograde, they judged much rain to be in that year. They also had an eye to *Saturn* and *Mars*, whether

whether of them were the stronger, as also what societie they had with the other Planets, cheifly with *Mercury*; that so they might judge the better concerning the following changes of the aire.

On the tenth of *November* ( being the eve of *S. Martin*) the *Germanes* use to feast themselves with geese; and as *Olaus Magnus* reporteth, the Northern people use by the breast-bone thereof to prognosticate of the following winter. For if the breast-bone of the goose be fair and cleare when the flesh is eaten off, the winter is like to be cold and rigid, full of hard frosts: But if it be thick and dark, then is the winter like to be full of snow, rain or sleet, and yet warm enough. But that this should be a token of such a prognostick, *Origanus* doubteth.

Some take a further knowledge of the state or qualitie of the yeare, after this manner. First ( say they ) in the end of Harvest cut open two or three oak apples, looking whether there be in them either flies, worms, or spiders; and if in the oake apple be found worms or magots, then they signifie dearth & scarcity that yeare. Or if in the oak-apple cut open be found like to flies, it is a signe of some battell to ensue that yeare. Or if in the oak-apple be found like to spiders, then do they foreshew plague or pestilence to follow that yeare. From which and the like calamities, *Good Lord deliver us.*

Some perhaps may think this to be but a superstitious observation; but they are simple and foolish not to know that this proceedeth from the constitution of the aire; which (whether wholesome or unwholsome) appeareth more subtilly in such things as these, then to the sense of man it either doth or can. And if the aire be corrupted, putrefaction abounds, things growing are blasted, the humors altered, bloud corrupted, and diseases equivalent produced, as also the mind of man inclined to such and such actions as agree thereunto.

Dove 1659.

Other profitable instructions right necessary  
for husbandmen to know.

And first of Sheep.

If a Ram be fierce and will not be tamed, catch him and bore a hole through his horn neare his eare.

If when he covereth the ew the wind blow out of the South, then commonly he begetteth a she-lamb: but if it blow out of the North, an he-lamb. Also know that ews by drinking of water conceive the sooner: for which cause some shepherds use to give them salt to eat, both that they may drink the more freely, and be the better in health.

Note also that when the old rams in their time to cover the ews, be sooner moved thereto then the young rams, it doth then signifie a good season and prosperous yeare for sheep: But if at the proper time to cover the ew, the young rams be sooner provoked thereto then the old rams, then there is like to follow a great rot and murrain of sheep. The way (say some) to cure them that they die not, is to take the belly of a ram and seeth it in wine and water together, which after mix with water, and give the same generally to all the sheep to drink, and by so doing they shall be cured.

When

Dove 1659.

When you shear them, if you would that their fleeces should grow again thick and fast, let the Moon be increasing, and by no means past the full except it be for scabby and infected sheep, such as are every day ready to loose their wool: for it is best to clip them when the moon decreaseth.

Geld sheep and other cattell, the Moon in *Aries*, *Sagittarius*, or in *Capricorn*, being in her last quarter, benignly configurated, and free from the rayes of *Saturn* and *Mars*. And if when you wean your calves or other young cattel, you would not that they should prove giddie, be sure that the Moon be not within three dayes of her change, either before or after: For the prime is within 3 dayes and 18 hours before or after the change, as wel as on the very day that the moon changeth.

#### Directions in planting and grafting, as also in other husbandarie affairs.

**I**N *January* take off superfluous branches from your fruit-trees, and prepare your ground for Gardens, uncover Tree-roots; cut your Vines in some of the Twelve dayes.

Set Quick-sets, Roses, and sallers in the end of *January*, and the moneth following. And now cover up the roots of your trees with good earth, which you opened in the beginning of *January*.

Plant when the Moon is aspected by *Jupiter* or *Venus* in *Taurus*, *Leo*, *Scorpio*, or *Aquarius*: or in a Conjunction, Sextile, or Trine aspect with *Saturn*, and free from the body and rayes of *Mars*.

In *March*, the weather being warm, and the wind neither in the East or North, you may cut and graft trees, the Moon decreas-

## Dove 1659.

decreasing, and in *Aquarius*, especially if she be configurated with *Jupiter* or *Venus*.

In the end of *April*, or beginning of *May*, set and sow tender Herbs and Seeds in yont gardens, in a good temperature of air.

Remove young Trees either in the end of *October*, in *November* or *February* the Moon increasing: and be sure to set that side South which was South before, because it cannot endure the cold North.

Gather all Fruit that you mean to keep, in a drie time, when the Moon is past the full, decreasing, and aspected by *Jupiter* or *Venus*.

Sow all such seeds as have round roots, either three or four daies after the full, or three or four daies before the full, when *Saturn* is in some good aspect with the Moon, and free from the rayes of *Mars*.

Yea, at all times either in sowing of corn or of other seed, it is best to do it when *Saturn* is not combust nor retrograde, nor peregrine; but rather (if you can stay for such a time) when he is in some of his dignities, or in a good aspect of the Moon; and (as I said before) free from the rayes of *Mars*.

Observe this likewise, That if you would have your nayls grow fair and clear, then must you use to cut them whilst the Moon encreaseth in *Taurus*, *Libra*, *Aries* or *Leo*, and in some friendly aspect either with the Sun or *Venus*. But however let not the Moon be in *Gemini* or *Pisces*, nor any of those two signs ascending.

Note also that in the weaning of infants, if you would that the childe should not be fond of the nurse, but quickly forget the breast, let not the Moon be in *Taurus*, or *Libra*, but rather in *Gemini*, *Sagittarius*, *Capricorn*, or *Aquarius*, farre from the Sun, near the full, and not at all aspected. For the children that be thus weaned will quickly forget the breast, and be also forward to fasten upon any other food.

HOW

### How to graft fruit that shall have no core.

**T**ake a graft and bow it so as both ends may meet: cut both these ends graff-wise, and so fasten them into the stock. And if it grow so with the tree, cut away the great end, and let the smal-ler end grow: so shall the fruit be without core.

### How to make a tree bear red apples.

**I**f you would that your apples should be red, take a graff of an apple-tree, and graft it in a stock of elm or elder, and it shall bear red apples. Also you may bore an hole in an apple-tree to the pith, and put into the hole water of what colour you will; then stop up the hole with a pin made of the wood of the same tree: So shall the apple be of the same colour with the liquor which you put and stopped into the hole.

### How to make a sowre tree bring forth sweet fruit.

**I**f you have a fruit-tree that is sowre, and would that it should bear sweet fruit, you must dig the root round about and dung it with pigs dung; so shall the fruit be sweet: especially if you take a piercer, and therewith make an hole in the tree to the pith, and into the hole put water tempred with hony, stopping the hole again with a pin of the sametree.

How

Dove 1659.

## How to make vines grow on cherry-trees.

If you would that a vine should grow on a cherry-tree, and have the tast of cherries, set a vine by a cherry-tree till it grow: and in the beginning of February make an hole through the cherry-tree in what place you think best: then draw through the hole a branch of the vine, so that it fill the hole, shaving away first as much of the old bark of the vine as shall be in the hole; that is, as much as extends to the thicknesse of your cherry-tree. This done, you shall wrap it well about with good earth, and bind it well with a little cloth, and order it in all things as in other graftings, remembering to cut away the vine from the cherry-tree at the root-end thereof, either then when you first draw it in, or (which is best) a yeare after.

## Infallible signes of Rain.

If in the morning sky or Sunne be red,  
Or at the night in cloud be makes his bed;  
When Sun or Moon look pale, or seem too great,  
Or lamps and lights do spark, and stones do fweare  
If Sun be early seen, starres few in sight,  
The wind at South, no dew to fall i th night;  
If winds do often change, and froggs are crying,  
The Bees in baste unto their hives are flying;  
When fleas, and flies, full sore begin to bite,  
And birds and beasts, have greedy appetite;  
When scelings crack, and peacockes cry amain,  
Soon after look for tempest, or for rain,

The

Dove 1659.

The Aspects amongst the Planets both  
old and new.

♂	Conjunction, in the same signe and degree.	§. I.
♀ S	Semisextile, when Planets are distant 30 degr. or	1. 1.
* Q	Sextile, when they are distant 60 degr. or	2. 1.
Q	Quinsile, when distant 72 degrees or	2. 1.
■	Quartile, when they are distant 90 degr. or	3. 1.
T d	Tredicile, when they be distant 108 degr. or	3. 1.
△	Trina, when distant 120 degrees or	4. 1.
B. q	Biquintile, when distant 144 degrees or	4. 1.
V c	Quincunx, when they are alunder 150 degrees or	5. 1.
♂	Opposition, when distant 180 degrees or	6. 1.

The Characters of the seven Planets, &c.

- 1 ♂ Saturn his houses, Capricorn and Aquarius.
- 2 ♜ Jupiter his houses, Sagittarius and Pisces
- 3 ♂ Mars his houses, Aries and Scorpio.
- 4 ☽ The Sun his house, is Leo.
- 5 ♀ Venus her houses are, Taurus & Libra.
- 6 ☿ Mercury his houses, Gemini and Virgo.
- 7 ☽ The Moon her house, Cancer.

The Dragons Head ☽

The Dragons Tail. ☽

A rule to know the Epact, which is the age of  
the Moon the 28 of February.

Whensoever the Golden Number is 3, 6, 9, 12, 15, or 18  
then the Epact is the same.

The Golden Num. 1|2|4|5|7|8|10|11|13|14|16|17|19  
The Epact is 1|1|2|2|4|25|17|28|20|8|23|4|26|7|1

F I N I S.